Attorney Docket No.: CING-125 PATENT

Appl. Ser. No.: 10/615,892

## **IN THE CLAIMS**

1. (Previously presented) An arrangement for transmitting a page, the arrangement

comprising:

an input to receive DTMF tones constituting a page from a source;

logic on a converter to convert the DTMF tones to SMPP protocol; and

an output to provide the SMPP protocol to a paging device.

2. (Previously presented) The arrangement of claim 1 further comprising:

a Short Message Service Center to receive the SMPP protocol and to form a Short

Message Service (SMS) message.

3. (Previously presented) The arrangement of claim 2 further comprising:

a switching network element to receive the SMS message and to route the SMS message

to the paging device.

4. (Previously presented) A method of sending a page to a paging device, the method

comprising:

receiving DTMF tones constituting a page from a source;

converting the DTMF tones to SMPP protocol; and

providing the SMPP protocol to a Short Message Service Center.

5. (Previously presented) The method of claim 4 further comprising:

receiving the DTMF tones from a Public Switched Telephone Network.

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6. (Previously presented) The method of claim 5 further comprising:

forming a Short Message Server (SMS) message from the SMPP protocol.

7. (Previously presented) The method of claim 6 further comprising:

communicating the SMS message to the paging device.

8. (Previously presented) A method of sending a page to a paging device, the method

comprising:

a first paging device providing paging information as DTMF tones;

a first network element converting the DTMF tones to SMPP protocol;

a second network element converting the SMPP protocol to an SMS message comprising

the paging information; and

providing the SMS message to a second paging device.

9. (Previously presented) The method of claim 8 further comprising:

the first paging device providing the DTMF tones to a Public Switched Telephone

Network (PSTN); and

the PSTN communicating the DTMF tones to the network element to convert to SMPP

protocol.

10. (Previously presented) The method of claim 8 further comprising:

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the first paging device providing the DTMG tones to one of a Voice Mail System (VMS) and a Private Branch Exchange (PBX); and

the one of VMS and PBX communicating the DTMF tones to the network element to convert to SMPP protocol.